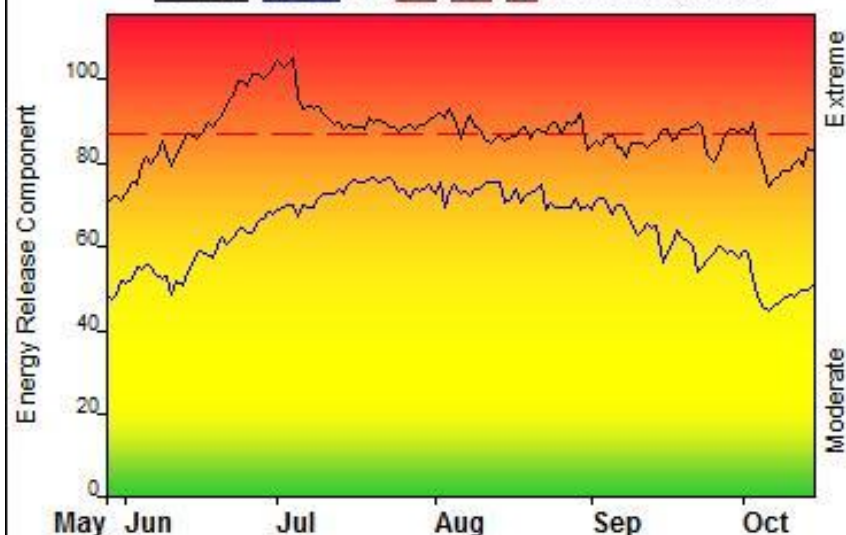


## FIRE DANGER -- West High Desert District

Maximum, Average, and 95th Percentile, based on 15 years data



## Fire Danger Area:

- ◆ West High Desert District
- ◆ 277, 278, 279
- ◆ 481801, 481903, 481904
- \* Meets NWCG Wx Station Standards

## Fire Danger Interpretation:

- EXTREME** -- Use extreme caution
- High** -- Watch for change
- Moderate** -- Lower Potential, but always be aware

Maximum -- Highest Energy Release Component by day for 2003 - 2017

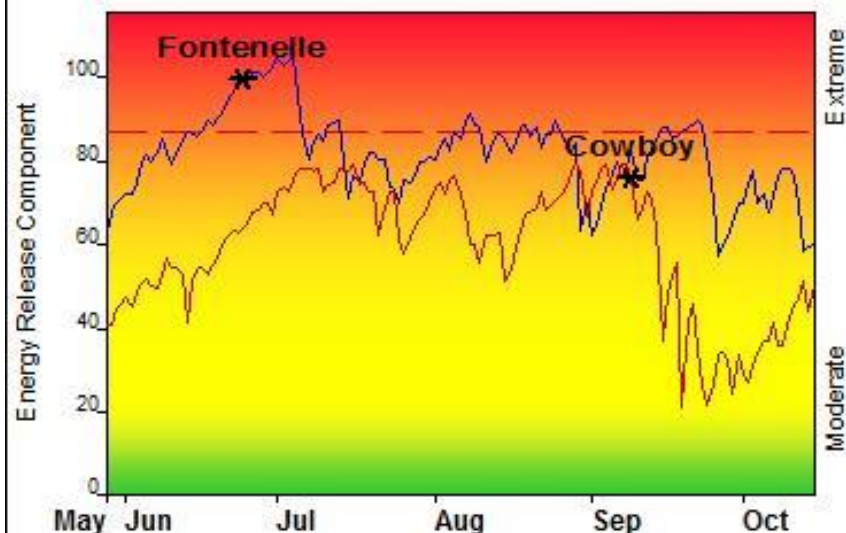
Average -- shows peak fire season over 15 years (2110 observations)

95th Percentile -- 5% of the 2110 days from 2003 - 2017 had an Energy Release Component above 87

## Local Thresholds - Watch out:

- Combinations of any of these factors can greatly increase fire behavior:
- 20+ Wind Speed over 15 mph, RH less than 15%,
- Temperature over 84, Energy Release Component over 95

## Years to Remember: 2012 2017



Fuel Model: G - Short-Needle (Heavy Dead)

## Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature & rh ranges, and precip duration.
- ✓ Wind is NOT part of ERC calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

## Past Experience:

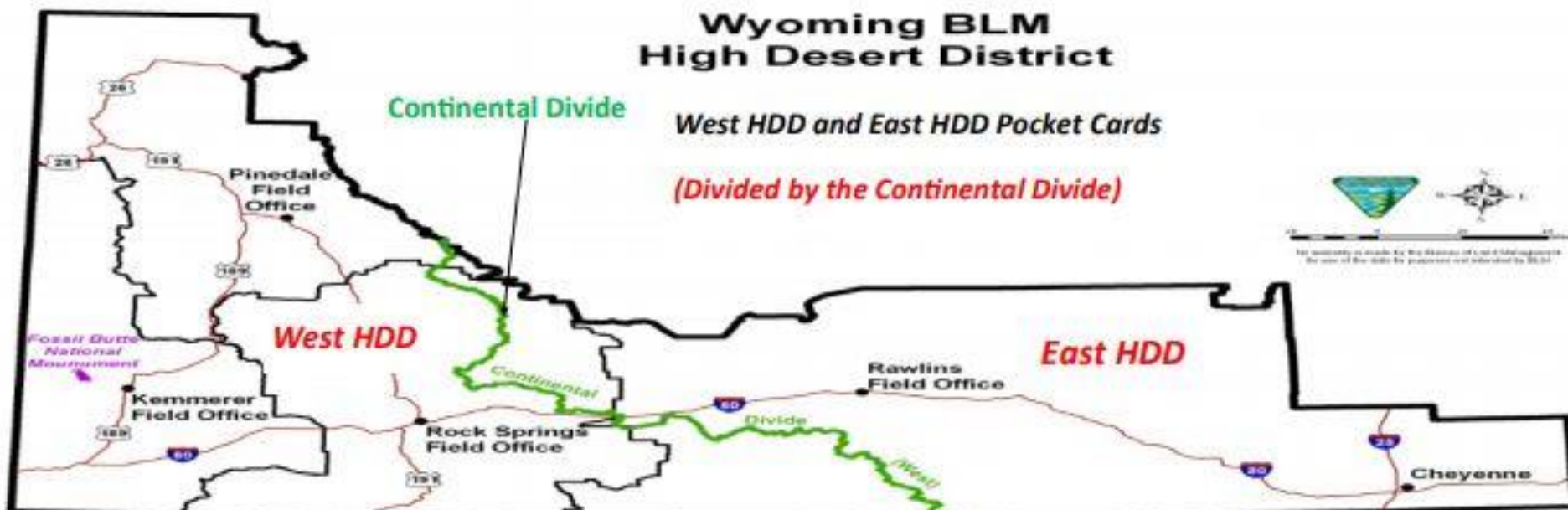
Fontenelle - 6/24/12; 47,415 ac, ERC 99, Unknown fire cause. Extreme drought conditions, low RH and high winds caused long distance spotting (over 1 mile) and down hill crown runs within the dead beetle killed timber.

Cowboy - 9/9/17; 1,592 ac, ERC 74, Human Caused. Wind driven downhill head fire runs in sage and mountain brush. High fuel load within the mixed mountain brush and aspen stands.

Responsible Agency: BLM

FF+5.0 build 20181229 06/29/2018-15:39 (\\ilmwys3ds1.blm.doi.net\... \2018 Pocket Cards)

Design by NWCG Fire Danger Working Team



**FIRE WEATHER ZONES**—West HDD—Zone 277, 278, 279, & 289    East HDD—Zones-303, 304 306, 308 309, & 310

